

Product - High Speed Fully Automatic Folder Gluer
Model - RI-JX-1450
Warranty - 2 Years



Please Note that the picture is for **ILLUSTRATION ONLY** and may vary from the equipment offered.

Machine Features:

1. Independent AC Motor for Feeder
2. Pneumatic Blank Vibrator at Feeder
3. Equipped with LED Screen at Feeder for monitoring carton delivery at delivery conveyor.
4. Extended Feeder for Longer Size of Cartons like T5 & T8 (48") Tube-Light.
5. Standard Blank Aligner Section
6. Standard Accessories for B-Type Straight Line Cartons
7. Standard Accessories for B-Type Crash Lock Cartons
8. Equipped with both side Glue Tank Left and Right Side.
9. Advanced Gluing Tank with Unique Scrapper device with Micro-Metric adjustment for precise gluing.
10. Upper Gluing wheel for Lock Bottom Cartons.
11. Unique Auto Removal Centre Conveyor Section to reduce the downtime of the machine.
12. Standard Inner Guides can be adjusted by motor.
13. Longer Folding & Closing Section which allows corrugated cartons folding smoothly to minimize the Fish Tailing Issue.
14. Independent AC motor for Trombone Section.
15. Finger Attachment or Back Squaring Device at Trombone to reduce the cross pasting in lock bottom carton.
16. Standard Clapping Squaring device at Trombone for squaring of Self-Lock Cartons.
17. Batch Counter equipped with Electronic Sensor.
18. Longer Delivery Length for precise pressing of cartons.
19. Delivery Section can be adjusted Backward/Forward and Up/Down as per carton design.
20. Conveyor Pressure can be adjusted pneumatically
21. **Optional Pneumatic Squaring Device at delivery for Crash Lock Cartons.**
22. Maximum Feeding Width: 1450 mm for both Straight Line Carton & Crash Lock Cartons.
23. Extended Feeder can produce 5 Feet Tube Light Cartons.
24. Power Required: 20 kW
25. Max. Speed: **250 meters/min**
26. Standard 2 Years Warranty

Machine Configuration:

S. No.	Features	Include
1	Motorized Conveyors	Y
2	Suction Feeder Belt	Y
3	Pneumatic Pile Vibrator	Y
4	Blank Aligner	Y
5	Pre-Folding Accessories for Side Pasting A Type Carton	Y
6	Pre-Folding Accessories for Side Pasting B Type Carton	Y
7	Pre-Folding Accessories for Crash Lock A Type Carton	Y
8	Pre-Folding Accessories for Crash Lock B Type Carton	Y
9	Crash Lock Section with Movable Hooks	Y
10	UV Grinder to Scratch the UV Varnish from Glue Flap	Y
11	French Fries Carton Attachment	Y
12	Both Side Std. Glue Wheel Width 6 mm	Y
13	Unique Auto Removal Centre Conveyor in Final Folding Section	Y
14	Self-Driven Upper Conveyor System	Y
15	Separate Drive of Trombone Section	Y
16	Pneumatic Long Delivery	Y
17	Clapping or Squaring device for Universal Design and Disproportionate Cartons	Y
18	Motorized Up & Down Delivery	Y
19	Extra Pressing Belt	Y
20	Extra Wireless Remote	Y

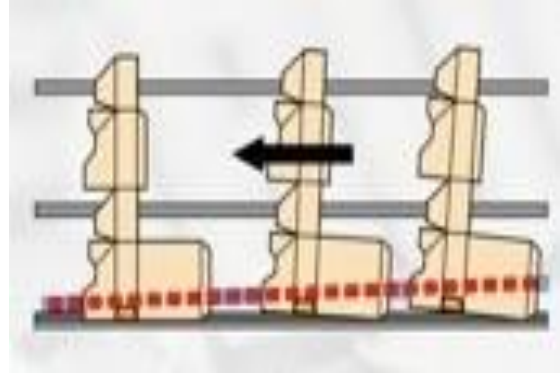
21	Optional Tube-Light Carton Attachment	N
22	Water Spray Counter	N
23	Optional Tape Applicator (Tear Tape + Controller with 4 Channel)	N
24	Optional 4/6 Corner Attachment	N
25	Optional Plasma with Single Gun -1KVA	N
26	Optional Plasma with Single Gun -750VA	N
27	Optional 3 Guns Gluing System with Pressure Tank	N
38	Optional 3 Guns Gluing System with Piston Tank	N
29	Optional Carton Ejection Device	N
30	Optional Pneumatic Squaring Device on Delivery	N
31	Optional 3 Years Additional Warranty	N

Feeder Section:

1. 10 No's of Feeding belts along with 4 Suction Belts.
2. Each Feeder belt can be adjusted independently.
3. Equipped with adjustable feeding knives - 3 No's.
4. Equipped with Pneumatic Vibrator - 1 No's
5. Suction System - 1 Set
6. Motorized Friction Feeder with Independent AC Motor.
7. Equipped with LED screen to monitor carton delivery at conveyor.
8. Getting the feed right is the key to fast and accurate folding:
Sets in 25% of the time compare to others.
Cut down make ready time.



Aligner Section:



Independent Part could guide the paper box to a parallel handrail that allows a perfect blank alignment:

1. Correct Deviation
2. Can register to left or right depending of box.
3. It helps to minimize the waste and reduce machine stoppage due to error in carton which comes from feeder.
4. Perfect Folding Quality throughout the year.

Pre-Folding Section:

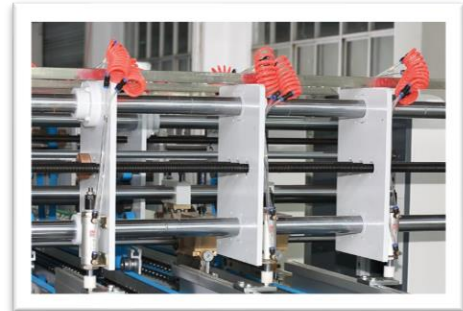
With so much of Today's Carton Production being destined for Auto Erection Lines, ensuring accurate, reliable opening of your finished products has never been more important.

1. Long Pre-Folder
2. Extra Wide Lower Left-Hand Belt
3. 1st Crease Pre-Folding 180 degrees
4. 3rd Crease Pre-Folding 135 degrees
5. Equipped with Nitta Folding belts
6. Standard accessories for B-Type Folding Carton
7. Unique Design protect the box surface



Pneumatic Upper Carrier Adjustment System:

Upper Carrier Conveyor can be adjusted upward pneumatically.



4&6 Corner Device: (OPTIONAL)

The hook system is driven by **YASKAWA** servos controlling system with photoelectric sensors to achieve back folding function. It has high precision and good efficiency.



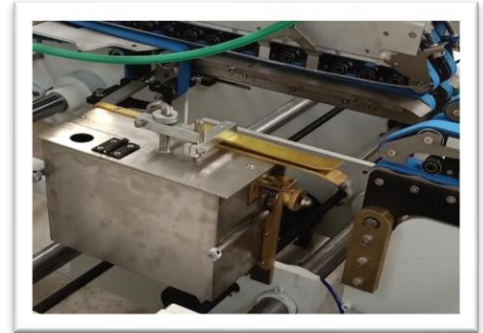
Crash Lock Section:

- 1) 4 Set of Folding Fingers to fold flaps and panels.
- 2) Three upper & lower carrier
- 3) Standard accessories for B-Type Crash Lock Cartons.

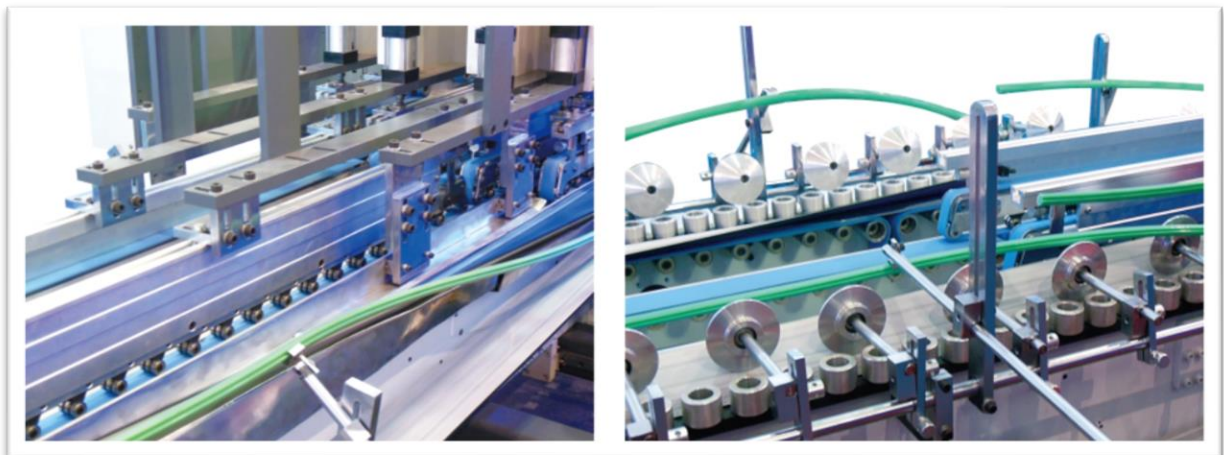


Glue System:

1. JX Series equipped with Standard Left/Right side gluing tank.
2. Equipped with advance gluing tank with unique scrapper device with micro-metric adjustment for precise gluing.
3. Easy to remove all equipment for quick cleaning.
4. Standard 6mm glue disc (Optional Glue Disc width 8,10mm).
5. Upper gluing can be done with Electronics Glue Guns, available as optional.



Folding & Closing Section:



Special Long Folding Section, boxes can be well folded and formed in this section.

1. Inner couriers are adjusted by motors.
2. Smooth and accurate folding of 2nd & 4th Crease.
3. Three set of upper and lower carrier, they are drive, middle and control side of machine.
4. Middle up/down carriers will be lifted up/down by pneumatic system.
5. Left and right outward folding belts speed can be micro adjusted to increase folding accuracy.
6. Longer folding section, boxes can be well folded and formed in this section.
7. Equipped with branded folding belts, NITTA Folding belts.
8. Main motor controlled by frequency speed variation.

Trombone Section:

1. Equipped with independent AC motor.
2. Upper & Lower drive mechanism for box length adjustment.
3. Equipped with automatic belt tension adjusting system.
4. Upper arm set can be adjusted backward and forward to ensure a continuous and automatic box collection mechanism.
5. Equipped with a control screen for operating the machine.
6. Single and easy operation for upper, down expansion adjustment, left or right twin board moveable for piling.
7. Batch Counter equipped with Electronic Sensor.
8. Standard Clapping Squaring Device used for Corrugated Cartons.
9. Standard Finger Attachment in Trombone Section to reduce the cross pasting in lock bottom boxes.



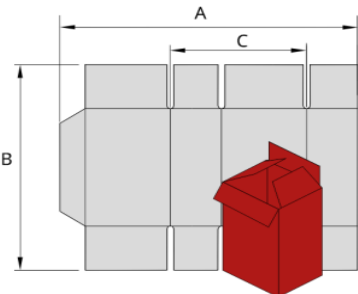
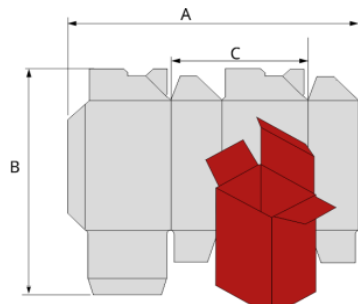
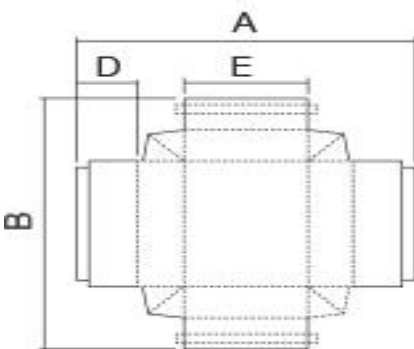
Delivery Section:

This section runs more slowly. Here the shingled stream of cartons moves between two rotating compression aprons so the glue can bond under a precisely set pressure, even at high machine speeds.

1. Independent and motorized section.
2. Delivery can be adjusted upward & downward depending on box design.
3. Upper conveyor can be moved forward and backward, depending on the box length.
4. Conveyor pressure can be adjusted pneumatically.
5. Standard conveyor squaring device used for crash lock boxes squaring.
6. With new structure, it can run automatically with accountable sensor pile the boxes for high efficiency.
7. Longer delivery length 6.3 meter with 5.2-meter effective pressing length.



Box Dimensions:

STRAIGHT LINE BOXES			
	Panel	Max	Min
	A	1450	450
	B	1000	200
	C	700	225
CRASH LOCK BOXES			
	Panel	Max	Min
	A	1450	500
	B	1000	300
	C	700	300
DOUBLE WALL BOXES			
	Panel	Max	Min
	A	1450	500
	B	1000	300
	C	1320	440
	E	60	30

WITH MINI-FOLDING DEVICE CAN RUN 80 X 60 MM, OPEN BLANK.

MACHINE SPEED DEPENDS ON QUALITY & CALLIPER THICKNESS OF MATERIAL.

Technical Specifications:

SPECIFICATIONS	DESCRIPTION
Paper Thickness	Paper Cardboard, 3Ply & 5Ply Corrugated Cartons (Flute Type - A, B, C, E, F, G & N)
Jobs Can Run	Straight Line, Self-Lock, Crash Lock, Double Wall & 4/6 Corner boxes.
Max. Machine Speed	250 m/min
Power Required	20 kW
Total Weight (In Tons)	9.5
Machine Dimensions (LXWXH)	17600 X 2100 X 1600 mm

Main-Machine Components:

CONTENT	MADE IN	BRAND
FEEDING BELTS	JAPAN	NITTA
FOLDING BELTS	JAPAN	NITTA
INVERTER	FRANCE	SCHNEIDER
BALL BEARING WITH SEAT	JAPAN	HRD
PLC	TAIWAN	FATEK
TOUCH SCREEN	TAIWAN	FATEK
MAIN MOTOR	TAIWAN	TECHO
MOTOR IN CONVEYOR	TAIWAN	AIMOXIN
MOTOR FOR ADJUSTING SCREW BARS	XIAMEN	JSCC
POWER SUPPLY SWITCH	FRANCE	SCHNEIDER
ELECTRICAL COMPONENTS	FRANCE	SCHNEIDER